

**Notice of Allowability**

Application No.

09/848,770

Examiner

J. Derek Rutten

Applicant(s)

LOOS ET AL.

Art Unit

2192

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/16/07 Amendment.
2. ☒ The allowed claim(s) is/are 27, 29-34, and 36-46 (renumbered 1-18).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413B)  
Paper No./Mail Date 20070911
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
TUAN DAM  
SUPERVISORY PATENT EXAMINER

### **DETAILED ACTION**

1. This action is in response to Applicant's submission filed 8/16/07, responding to the 5/17/07 Office action which detailed the rejection of claims 27-44. Claims 27, 29, 33, 34, and 36-39 have been amended, claims 1-26, 28, and 35 have been canceled, and new claims 45 and 46 have been added. Claims 27, 29-34, 36-46 remain pending in the application and have been fully considered by the examiner.

### **EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Adam Sheehan, Reg. No. 42,146, on 9/11/07. During the interview, Mr. Sheehan agreed to incorporate limitations regarding the mobile data model into each independent claim.

The application has been amended as follows:

### CLAIM AMENDMENTS

27. (Currently Amended) A system, comprising: a mobile data model generator configured to create:

a first mobile data model including a first set of classes, the first set of classes including some but not all of an available set of classes in an enterprise data store; and

a second mobile data model including a second set of classes, the second set of classes including some but not all of an available set of classes in the enterprise data store, the second set of classes different from the first set of classes;

an application development engine operable to generate instructions configured to reference one or more data elements, data relationships, data dependencies and data distribution attributes of the mobile data models when interfacing with a backend application, for deployment to a distributed computing platform and that allow the distributed computing platform to access information within a locally saved ~~first~~ mobile data store, the ~~first~~ mobile data store based on the first or second mobile data model; and

a mobile messenger layer application ~~application~~ configured to receive first data transactions associated with the first mobile data store and second data transactions associated with the second mobile data store and to alter ~~the first mobile~~ the enterprise data store based on the first and second data transactions.

Art Unit: 2192

34. (Currently Amended) A method, comprising:

accessing a first mobile data model including a first set of classes which includes some but not all of an available set of classes included in an enterprise data store;

instantiating the first mobile data model to create a first mobile data store;

creating a first mobile software application, operable to reference one or more data elements, data relationships, data dependencies and data distribution attributes of the mobile data models when interfacing with a backend application, to interact with the first mobile data store;

making the first mobile software applications available to a customer;

accessing a second mobile data model including a second set of classes which includes some but not all of the available set of classes in the enterprise data store, the second set of classes different from the first;

instantiating the second mobile data model to create a second mobile data store;

creating a second mobile software application, operable to reference one or more data elements, data relationships, data dependencies and data distribution attributes of the mobile data models when interfacing with a backend application, to interact with the second mobile data store, the second mobile software application different from the first; and

making the second mobile software applications available to a second customer.

***Allowable Subject Matter***

3. Claims 27, 29-34, and 36-46 are allowed.
4. The following is an examiner's statement of reasons for allowance:

The examiner indicated that this application would be in condition for allowance if the independent claims 27 and 34 are amended to include the features of a mobile software application, operable to reference one or more data elements, data relationships, data dependencies and data distribution attributes of the mobile data models when interfacing with a backend application. The above features, taken in combination with all remaining features of the independent claim are not taught or suggested by the prior art of record. The applicant agreed to amend the independent claims 27 and 34 as indicated by the examiner. The limitations present in independent claims 27 and 34 apply equally to all remaining dependent claims 29-33 and 36-46. Thus all remaining claims are allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***


5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to J. Derek Rutten whose telephone number is (571)272-3703. The examiner can normally be reached on M-F 8:00-4:30.

Art Unit: 2192

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam can be reached on (571)272-3695. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

jdr



TUAN DAM  
SUPERVISORY PATENT EXAMINER